

From: [Moore, Gary](#)
To: [Jeff Wright](#)
Subject: Re: Delta Shipyard Treatability Study Estimate
Date: Tuesday, February 26, 2013 5:42:54 PM

I will update tomorrow. It looks like we are going to pursue a PRP to do the Treatability study so we will need to move forward on final report.

It should include cost estimates for cleanup by dig, haul, dispose assuming it is nonhaz and then assuming haz. Also estimate for in-situ solidification assuming the same mixture as Bayou Tranpanga or Malone based on the mixture per our estimated quantity. Use rates for personnel and equipment as if Weston was doing the work along with a contingency spelled out.

Gary

From: Wright, Jeff
Sent: Tuesday, February 26, 2013 4:09:41 PM
To: Moore, Gary
Cc: Bordelon, David; Shappee, Cecilia; Beck, Robert; Farias, Abel; Carter, Linda; Stanley, Cora; LaBombard, Will
Subject: Delta Shipyard Treatability Study Estimate

Gary -

We would like to request an amendment to the budget and schedule for the Delta Shipyard project. The previous amendment to the TDD did not take into account the additional costs associated with a full scale Treatability Study of samples collected from each pit. This amendment request would also cover costs associated with mobilizing personnel and equipment to the site to collect representative samples from each pit. Due to the limited access to the pits during the initial assessment phase, we believe that it would be appropriate to utilize an extended boom track hoe or marsh track hoe to collect the representative samples. We estimate the field effort to last for one day. A summary of the cost estimate is listed below. It is estimated that the Treatability laboratory tests may take 6 to 8 weeks; we are therefore requesting that the TDD completion data be amended to 6/28/13.

	Subcontract Equipment, Amend H&P and conduct Field activities (2 people)	30
Hrs (total)	- \$3,250	
	Sample shipment	-
\$500		
	Travel (vehicle rental, per diem)	-\$1,000
	Extended reach Track hoe rental and Operator	
	- \$6,600	
	Treatability Test Proposal (from subcontract lab)	- \$700
	Work Plan	20
Hrs	- \$2,280	



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	Subcontract Lab, Treatability Test Coordination	20
Hrs	- \$2,280	
	Conduct Treatability Test	
	- \$27,500 (estimate)	
	Treatability Test Review	24
Hrs	- \$2,736	
	Compile Final Report	50
Hrs	- \$5,700	
	QC Review	12
Hrs	- \$1,700	
Estimate Total		- \$54.246

The estimated costs listed above are based on the following assumptions:

- Laboratory Treatability tests will cost \$27,500. This an initial estimated cost provided by the laboratory. Actual costs may differ depending on the number of solidifying reagents used and the type of pre- and post- analytical analysis.
- Field effort will require one day including mobilization of equipment. No weather delays anticipated. No delays resulting from site conditions.
- No further delineation will be required outside of the pits at this time.

Thanks,



Jeff Wright, CHMM
Weston Solutions, Inc.

an employee-owned company

13702 Coursey Blvd.,

Bldg #7, STE A

Baton Rouge, LA 70817

(225) 297-5415 Direct

(225) 278-8406 Cell

Jeff.Wright@westonsolutions.com

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